

PROFESSIONAL BIOGRAPHY

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EDUCATIONAL BACKGROUND:

Coe College	B.S.	1964	Biology (cum laude)
Purdue University	M.S.	1967	Genetics/Cell Biology

PROFESSIONAL EXPERIENCE:

1967	Laboratory Assistant, U.S. Department of Agriculture, Niles, MI
1967-1986	Scientific Assistant, Biological and Medical Research Division, Argonne National Laboratory
1990	Laboratory Manager, Natural Sciences Department, Rosary College, River Forest, IL
1991-1992	Special Term Appointee, Chemistry Division, Argonne National Laboratory, Argonne, IL
1992-1999	Scientific Assistant, Biosciences Division, Argonne National Laboratory, Argonne, IL
1999-present	Special Term Appointee, Biosciences Division, Argonne National Laboratory, IL

HONORS:

Cum laude graduation (1964).
U.S. Patent, Liposomal Encapsulation of Drugs (1976).
IR-100 Award for one of 100 best patents in 1976 (1976).

SELECTED PUBLICATIONS:

E. A. Cerny and M.H. Bhattacharyya. Low volume, high sensitivity assay for cadmium in blood and urine using conventional atomic absorption spectrophotometry. *Anal. Biochem.* 314:180-193, 2003.

A.K. Wilson, E.A. Cerny, B.D. Smith, A. Wagh, and M.H. Bhattacharyya. Effects of cadmium osteoclast formation and activity in vitro. *Toxicol. Appl. Pharmacol.* 140:451-460, 1996.

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B.H. Tom, C.M. Macek, L. Raphael, J. Sengupta, E. Cerny, M.M. Jonah, and Y.E. Rahman. Lipsome uptake into human colon adenocarcinoma cells in monolayer, spinner, and trypsinized cultures. *Proc. Soc. Exp. Biol. Med.* 172:16-28, 1983.

E.H. Lau, E. Cerny, B.J. Wright and Y.E. Rahman. Improvement of Iron Removal from the Reticuloendothelial system by liposome encapsulation of N,N'-bis(2-hydroxybenzyl)-ethylenediamine-N,N'-diacetic acid (HBED): Comparison with desferrioxamine. *J. Lab. Clin. Med.* 101:806-816, 1983.

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R.A. Guilmette, E. Cerny and Y.E. Rahman. Pharmacokinetics of the iron chelator desferrioxamine as affected by liposome encapsulation: potential in treatment of chronic hemosiderosis. *Life Sci.* 22:313-320, 1978.

Y.E. Rahman, W.E. Kisieleski, E. Buess and E. Cerny. Liposomes containing ^3H -Actinomycin D. Differential tissue distribution by varying the mode of drug incorporation. *Eur. J. Cancer* 11:883-889, 1975.

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MW. Rosenthal, YE. Rahman, E.S. Moretti and E. Cerny. Removal of polymeric plutonium by DTPA directed into cells by liposome encapsulation. *Radiat. Res.* 63:262-274, 1975.

Y.E. Rahman, E. Cerny. S.L. Tollaksen, B.J. Wright. S.L. Nance and J.F. Thomson. Liposome-encapsulated actinomycin D: Potential in cancer chemotherapy. *Proc. Soc. Exp. Bio. Med.* 146:1173-1176, 1974.

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